100061

Page 1

1pril-17-13 1:07:32 PM Item ID: D4022-041 Accept *N900040100* Setup Start Revision ID: Fuel Transfer Pump Assembly 1 Item Name: Start Date: 4/17/13 Start Oty: 6.00 Cust Item ID: Required Date: 5/01/13 Req'd Qty: 6.00 **Customer:** Reference: Run Process Plan: MUT Approvals: Date: 13-04-17-Tooling: Date: SPC (Y/N): Date: Sequence ID/ **Operation** Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Code Oty Number Stamp Draw Nbr **Revision Nbr** D4022 C 100 0.00 *100* Small Fab 0.00 Memo Small Fab Assemble as per dwg D4022 Metal set A4 batch: M 116143 O-ring Lub as per dwg batch: 118348 110 QC5- Inspect part completeness to step on W/O *110* QC Memo Quality Control

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		Inspection		Tube	L	Cut Too Short		Misread	d	!	Power Lo	ss/Surge	Other
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	1	Wave/Twist in Tube				Folio		Outside	e Dimensions	<u>!</u>			

Work Order ID 100061 To grow pe

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100061

Item ID: D4022-041 Accept *N900040100* Setup Start Revision 1D: Item Name: Fuel Transfer Pump Assembly Start Date: 4/17/13 Start Oty: 6.00 Cust Item ID: Required Date: 5/01/13 Req'd Qty: 6.00 **Customer:** Reference: Run Process Plan: Approvals: Date: Tooling: Date: SPC (Y/N): Date: Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. **Work Center ID** Description **Run Hours** Qty Qty Code Number Stamp 120 Identify as per dwg & Stock Location: 0.00 *120* SA251C Packaging Memo Packaging 130 QC21- Final Inspection - Work Order Release 0.00 *130* 0.00 Memo Quality Control

JAF 4-29

			1								DQA:	Date:	
NCR: Y	′es	/ No	1			WORK ORDER NON	-CO1	NFORM	MANCE / UPDATE	•	•		
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! !!		Turning Se				Finish		Out of 9	Sequence				
	Wave/Twist in Tube					Folio		Outside Dimensions					

Picklist Print

April 17-13 1 07.35 PM

Work Order ID: 100061

100061

Parent Item:

D4022-041

D4022-041

Parent Item Name: Fuel Transfer Pump Assembly

Start Date: 4/17/13

Required Date: 5/01/13

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP rev A 10.02.02 new issue Prelim EC verified by:DD IPP Rev:B

10.05.17 as per ECN10-562 DD verf:EC

IPP REV:C 11.11.22

PER ECN11-665 DD VERF:EC

IPP REV:D 12.02.08 replace

AN818-6D for AN815-6D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty p	er Kit	Total Qty	Qty Issued	Date Issued	Status
D4022-1 *D4022-1 Fuel Transfer Pump		Manufactured	No			100	Each	16.0000	**	1	6	H	- 13	-04-25
				ST141a	86448 84423	Loc (<u>Qty</u> 8 8 8	Loc Code		_ 		- - -		á.
D4022-5· *D4022-5* Thermal Switch		Manufactured	No		<u> </u>	100	Each	14.0000	**	1	6 7	F	= 13	-04-25
AN815-6D		Purchased	No	Location ST242A	79949	<u>Loc (</u>	<u>Oty</u> 14 14 Each	Loc Code 6.0000			<u></u>	-		
*AN815-61 Union-M-Flare) *			Location		<u>Loc (</u>	Otv	Loc Code	**			F	F 13	-04-25
				ST348	125396 124097 124805		6 1 5				8	- - -		

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	-					Use-as-is		Thern	noforming Finis	hing	Rec/Stor	e/Packaging	Other
NCR N	lo¦.		1			Work Order Update]		Large Fab Compo	site		Supplier	
			<u>i</u>						A	· · · · · · · · · · · · · · · · · · ·	C: 0	· · · · · · · · · · · · · · · · · · ·	
Root		Data !	C.	04		ption of work order update or Non-conformance	1	nitial ief Eng	Action Description		Sign & Date	Verification	QC Inspector
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		Cracks	i.			Broken/Damaged	-	1	on Incomplete		Part Incorred		Weld
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Picklist Print

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Work Order ID: 100061

Parent Item:

D4022-041

Parent Item Name: Fuel Transfer Pump Assembly

100061

D4022-041

Start Date: 4/17/13

Required Date: 5/01/13

Start Qty: 6.00

**

Required Qty: 6.00

Page 1

Purchased

No

100

Each

43.0000

Loc Code

2 12

FF 13-04-25

MS29512-06

O-RING

MS29512-06

Location ST309

123968

Loc Qty 43

43

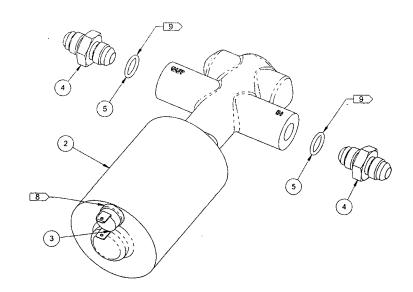
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Shop Packet Print

Page 2

	1		1							1	DQA:	Date	<u>:</u>
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			<u> </u>							-	QA Closed:	Date	
Work Orde	r.			-		DISPOSITION				AGAINST D	EPARTMENT	/PROCESS	
Part N	0.	***************************************				Rework Scrap Use-as-is Work Order Update		N Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier		Engineering Quality Other
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Cause		Date	Step	Qty		or Non-conformance	ļ	ef Eng		iption	Date	Verification	QC Inspector
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:	ITEM NO.	QTY -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	•	×	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
-	2 3	1	D4022-1 D4022-5	FUEL TRANSFER PUMP THERMAL SWITCH	
<u></u>	4	2	AN815-6D	FITTING, UNION	
	5	2	MS29512-06	O RING	



SH ARREST AND THE SUBSCITE OF

D4022-041 FUEL TRANSFER PUMP ASSEMBLY

1 2012 -03- 0 20 1

В

С	CORRE	CTED TYPO: A	N815-6D WAS AN818-6D, ZN D7-1. NG OF "AEROSPARES", ZN B5-3.	DC	12.02.09					
В	REF CA	CTED SPELLIF R 11-50.	NG OF "AEROSPARES".	OF "AEROSPARES". DC						
Α .	NEW IS	SUE		HS	10.04.16					
REV.			DESCRIPTION	BY	DATE					
DESIG	١	85	DART AEROSPACE LTD							
DRAW	4	DC		HAWKESBURY, ONTARIO, CANADA						
CHECK	ED	S	DRAWING NO.		REV. C					
MFG. A	PPR.	•	D4022		SHEET 1 OF 4					
APPROVED MA		149	TITLE		SCALE					
DE APP	R.	-#-	FUEL PUMP NT							
DATE	12.0	2.09	COPYRIGHT © 2010 BY DART THIS DOCUMENT IS PRIVATE AND COMPOSITIAL AND IS SUPPLIED TO BY USED FOR ANY PLAYODS ON CODED OR COMMUN. WIRSTEN FERRINGS ON THOSE WIRSTEN FERRINGS ON THE AND MART A	CATED TO ANY OTH	CONDITION THAT IT IS					

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 2.61 ibs
8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
9) TUBRICATE O-RING-WITH JUTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

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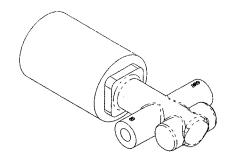
В

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С

REF JCA M47/D3/5HT 13

Faster SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D.1000.1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
D4022-1	AEROSPARES ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

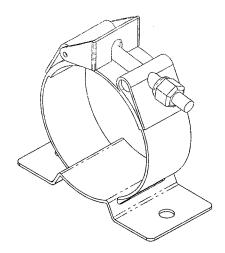
D4022-X FUEL TRANSFER PUMP

N	OTES:	
1	MATERIAL:	N/A
- 6		

1) MATERIAL: 1974
2) FINISH: NIA
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7)-WEIGHT...2.6 lbs

DESIGN	45	DART AEROSP	ACFITD					
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA						
CHECKED	1	DRAWING NO.	REV. C					
MFG. APPR.		D4022	SHEET 2 OF 4					
APPROVED	149	TITLE	SCALE					
DE APPR.	-#	FUEL PUMP	NTS					
DATE 12.0	2.09	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRINTE AND COMPORTED AND IS SUPPLIED ON THE EDIRECT COMMON THAT IT IS HOT TO BE USED FOR MY PUMPOSE OR COMPOSE OF COMMON THAT IT IS NOT TO BE USED FOR MY PUMPOSE OR COMPOSE OF COMPOSED TO MY OWNER PERSON WITHOUT MORTHLY PERSONS WITHOUTH AND ANTI-MEDICAL IT. ***DETAILS AND ANTI-MEDICAL IT. ***PROPERSON WITHOUTH AND						

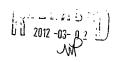
SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (\emptyset)
	WELDON	TC 250-100	STAINLESS STEEL	25
D4022-3	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPARES ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5



D4022-X FUEL PUMP MOUNTING BRACKET

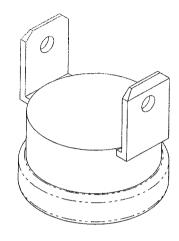


NOTES
NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTE:
4) UNITS: INCHES UNLESS OTHERWISE NOTED
-5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIPICATION: N/A.

DESIGN	A 5-	DART AEROSPACE LTD		
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA		
CHECKED	1	DRAWING NO.	REV. C	
MFG. APPR.		D4022	SHEET 3 OF 4	
APPROVED	14	TITLE	SCALE	
DE APPR.	#	FUEL PUMP	NTS	
DATE 12.02.09		COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PROVIDE ON COMPEDITUDE ON THE EXPRESS CONDITION DWT IT IS AUT TO BE USED FOR MAY PURPOSE ON COMPEDICATION TO MY TOTAL PRESON WITHOUT WITTEN PROMISSION FORD DAY ADDRESSES. IT		

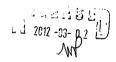
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SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH



NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK-SHARP EDGES: 0.005 TO 0.010 MAX

DESIGN	8€	DART AEROSPACE LTD		
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA		
CHECKED	\$	DRAWING NO.	REV. C	
MFG. APPR.		D4022	SHEET 4 OF 4	
APPROVED	140	TITLE	SCALE	
DE APPR.	4	FUEL PUMP	ŅTS	
DATE 12.02.09		COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT OF PRIVATE AND COMPRESSION THAT IT IS		